continual replenishment of surface waters to maintain the existing quantity and high quality of the surface waters in the Central Pine Barrens, and other reasonable uses.

- Class GW2 ground water having a natural TDS concentration of 500 mg/L or less shall be suitable for potable, industrial, or agricultural water supply, after conventional water treatment (for hardness, pH, iron, manganese, and chlorination) where necessary for the continual replenishment of surface waters to maintain the quantity and quality of the surface waters of the state and other reasonable uses.
- Class GW3 ground water having a natural TDS concentration between 500 and 10,000 mg/L shall be suitable for conversion to fresh potable waters or other reasonable beneficial uses.
- Class GW4 ground water having a natural TDS concentration in excess of 10,000 mg/L shall be suitable for any reasonable beneficial uses. Effluent limits and quality criteria will be determined on a case-by-case basis for these waters.

Quality criteria for Classes GW1 through GW3 are given in Table 4.4.

TABLE 4.4 Quality Criteria for Class GW1 Through GW3

Pollutant, substance, or chemical
Ground water quality criteria
Class GW1: Ground Water Quality Criteria for the Central Pine Barrens (Class GW1 applies only to Central Pine Barrens)

1. Aldrin/dieldrin	1.
2. Arsenic and compounds	2.
3. Barium	3.
4. Benzidine	4.
5. Cadmium	5.
6. Chromium (hexavalent)	6. and compounds
7. Cyanide	7.
8. DDT and metabolites	8.
9. Endrin	9.
10. Lead and compounds	10.
11. Mercury and compounds	11.
12. Nitrate-nitrogen	12.
13. Phenol	13.
14. Polychlorinated biphenyls	14.
15. Radionuclides	15.

0.003 Mg/L 0.05 mg/L 1.0 mg/L 0.0001 mg/L Natural background Natural background
0.2 mg/L
0.001 Mg/L
0.004 Mg/L
0.05 mg/L
0.002 mg/L
2.0 mg/L
0.3 mg/L
0.001 Mg/L
Prevailing regulations adopted by EPA
pursuant to sections 1412, 1415, and 1450 of
the Public Health Services Act as amended by
the Safe Drinking Water Act (PL 93-523)

(Continued)